APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Experience With a Moulding Compound on a Lignite Base, by O. P. Pavlov, et al.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 39.

DSIR M.2363

Sci

Sep 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

A Sectional Casting Box, by B. V. Rabinovich.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 39.

DSIR M.2363

Sci

Sep 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Melting Magnesium Alloy in Basic Crucibles, by
A. P. Perov, I. S. Pryanishnikov.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 40.

DSIR M.2363

Sci

Sep 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Experience With Induction Furnaces, by V. V. Panin.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 40.

DSIR M.2363

Sci

Sep 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

One Piece Coreboxes for Making Tall Cylindrical Cores, by P. K. Khamidov.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 41.

NLL M. 2363

Sci - Engr

Dec 61

174,982

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Problem of Automatic Mould Filling, by A. M. Shmyakov.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 41.

NLL M. 2363

Sci - Engr

174,986

Dec 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Extraction of Metallic Inclusions From Spent Moulding Mixtures, by V. A. Shcherbina.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 42.

NLL M. 2363

Sci - Engr

174.985

Dec 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

First Russian Manual for Foundry Practice ~~SR~~ Its Author:- Mining Engineer Apollon Fedorovich Mevius, by D. M. Modolevich.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 43-45.

DSIR M. 2364

USSR

168, 563

Econ

Sep 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Index of Articles Published in 1959 in Liteinoe Proizvodstvo.

RUSSIAN, per, Lit Proiz, No 12, 1959, p 45.

NLL M. 2365

Jan 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Bolshakov, I. F. and Svyatkin, B. K.
EINE AUTOMATISCHE FLIESSSTRASSE ZUM FORMEN, ZUSAMMENSETZEN UND AUSSCHLAGEN VON GUSSSTUECKEN (Automatic Line for Molding, Assembling and Shakeout of Castings). 8p.
Order from TIB $1.55

Trans. in German of Liteinoe Proizvodstvo (USSR) 1960, no. 1, p. 16-19.

DESCRIPTORS: *Automation, *Molding, *Castings.

(Machinery--Manufacturing, TT, v. 9, no. 11)

62-27344

I. Bolshakov, I. F.
II. Svyatkin, B. K.
III. Technische Informations-bibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Segregation in Centrifugal Steel Castings, by N. N. Reutov.

RUSSIAN, per, Lit Proiz, No 1, 1960, pp 35, 36.

HB 5044

Sci - Min/Met

Jun 61

156803

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Gorshkov, A. A.
GIESSEREIINSTITUT DER UKRAINISCHEN AKADEMIE DER WISSENSCHAFTEN (Foundry Production Institute of the Ukrainian Academy of Sciences). 11p.
Order from TIB $2.00

Trans. in German of Liteinoe Proizvodstvo (USSR) 1960, no. 1, p. 46-48.

DESCRIPTORS: *Casting, Production

(Machinery--Manufacturing, TT, v. 9, no. 11)

62-27346

I. Gorshkov, A. A.
II. Technische Informations-bibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Influence of Composition and Heat Treatment of Metal Alloys on the Feeding of Castings, by K. N. Militsyn,

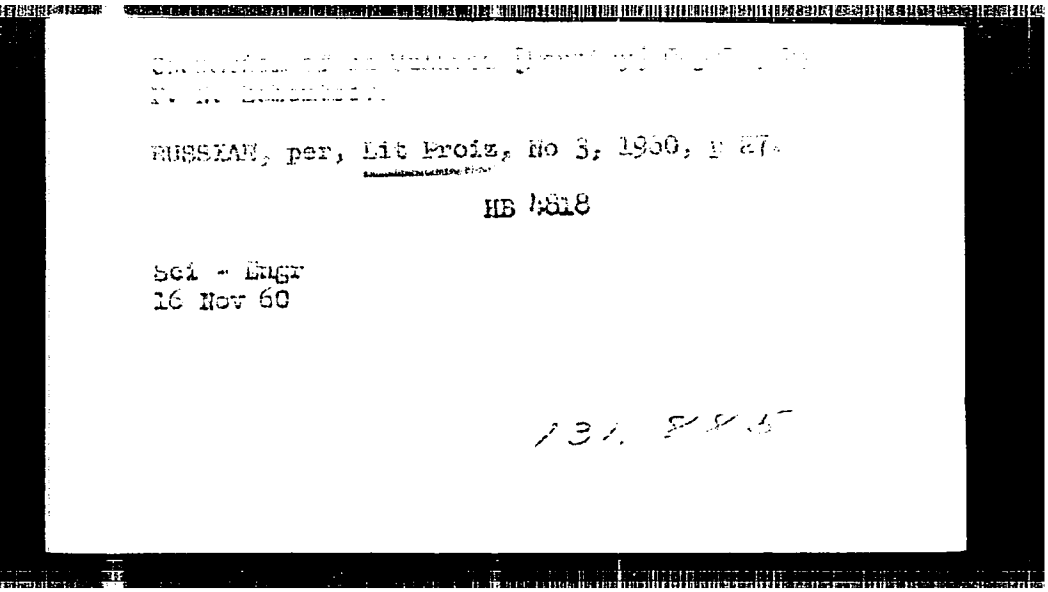
RUSSIAN, per, Liteinoe Proizvodstvo, No 3, 1960, pp 19-24.

GB/1

Sci
Dec 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3



[redacted]

RUSSIAN, per, Lit Proiz, No 3, 1960, p 87.

HB [redacted]

Sci - Engr
16 Nov 60

[redacted]

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Use of Exothermic Sleeves for Heating of Feeder Heads on a Steel Armature Casting, by L. O. Schelovskiy.

RUSSIAN, per, Lit Proiz, No 3, 1960, p 32.

BCIRA 1012

Sci - Chem

193, 716

May 62

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

CASTING IN ANODISED MOULDS, BY O. L. PETROV.

RUSSIAN, PER, LIT PROIZ, NO 4, 1960, P 46.

ALUMINIUM LAB

SCI - ENGR

173,189

NOV L

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Dimensional Accuracy and Surface Finish of Castings, by I. I. Goryunov.

Aluminum Lab

Sci - Engr

Oct 60

129,677

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

S. G. Iron for Mining Machine Components, by
L. P. Gorushkina, et al.

RUSSIAN, per, Lit Proiz, No 5, 1960, pp 42, 43.

BISI 2150

Sci - Min/Met

Jan 61

154816

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Effect of Calcium Upon Graphic Structure in Cast Iron, by F. N. Tavadze, Sh. S. Katsitadze.

RUSSIAN, per, Lit Proiz, No 6, 1960, pp 29, 30.

HB 4884

Sci - Chem, Min/Met

Sep 60

127,036

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

CONVEYORIZED FURNACE FOR ANNEALING OF PIPE,
BY A. V. SKVORTSOV.

RUSSIAN, PER, LIT PROIZ, NO 6, 1960,
PP 42-43.

HB 5187

SCI - ENGR
AUG 62

206,999

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Another Note on the Deoxidation of Steel With Aluminum, by G. S. Ovsyuk.

RUSSIAN, per, Lit Proiz, No 6, 1960, pp 47, 48.

HB 5024

Sci - Chem

Jan 61

136,579

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

(BN-2900/25)

Mechanized Continuous Line of Sandblast Machine Molding, by A. S. Shuper, L. Ya. Melekhin, 8 pp.

RUSSIAN, per, Liteynoye Proizvodstvo, No 7, 1960, pp 14-16.

JPRS 7252

USSR

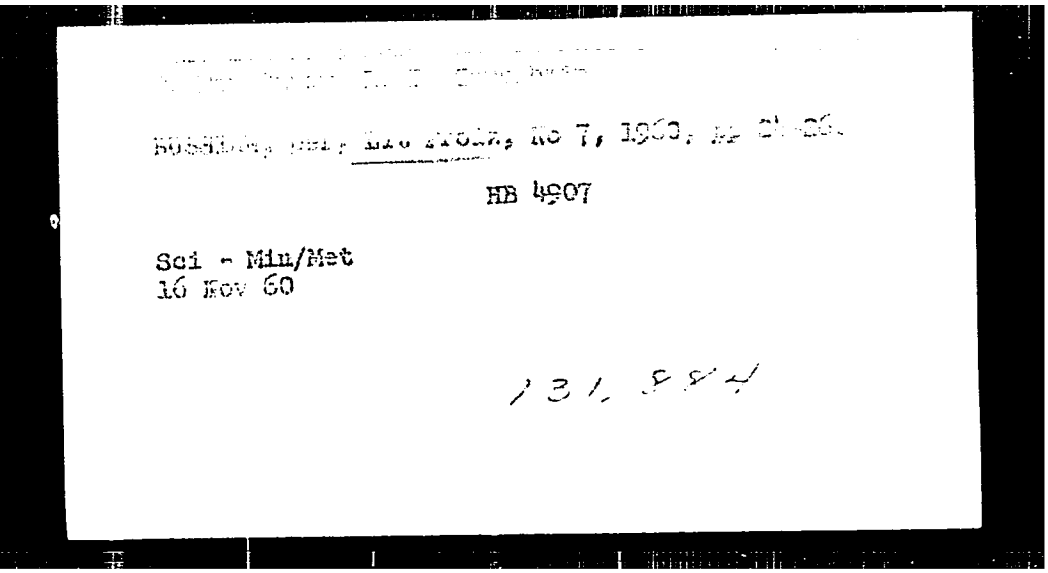
136,448

Econ

Jan 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3



HB 4907

Sci - Min/Met
16 Nov 60

131,884

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Girshovich, N. G.
THE EFFECT OF SUPERHEATING DURING MELTING AND MODIFICATION ON THE PROPERTIES OF GREY CAST IRON. [1961] 13p.
Order from ATS $19.45 ATS-09N56R

Trans. of Liteinoe Proizvodstvo (USSR) 1960, no. 7, p. 26-32.

DESCRIPTORS: *Cast iron, Heat treatment, Melting.

RJ-3543

(Metallurgy--Ferrous Metals, TT, v. 7, no. 4)

62-12155

I. Girshovich, N. G.
II. ATS-09N56R
III. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Casting of Metals With the Pouring System [Instead of the Mold] Being Vibrated, by G. F. Balandin.

RUSSIAN, per, Lit Proiz, No 7, 1960, pp 34-36.

HB 4908

Sci - Engr

Oct 60

129,106

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Operating Experiences With [Natural] Gas-Fired Cupolas, by P. L. Shkurupiy, A. G. Arnopolin.

RUSSIAN, per, Lit Proiz, No 9, 1960, pp 12, 13.

HB 5098

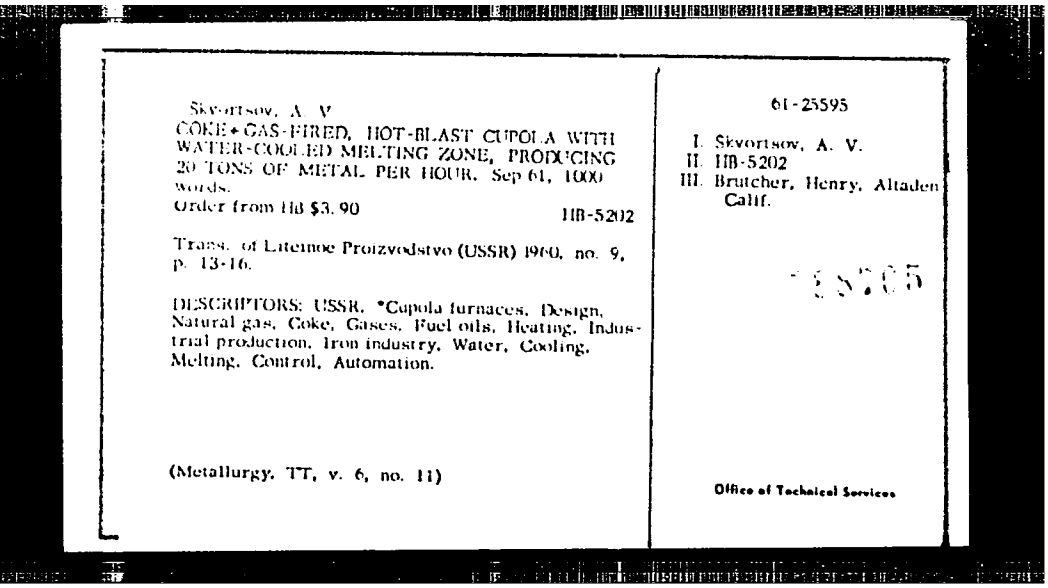
Sci - Engr

Apr 61

147,468

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3



Skvortsov, A. V.
COKE + GAS-FIRED, HOT-BLAST CUPOLA WITH WATER-COOLED MELTING ZONE, PRODUCING 20 TONS OF METAL PER HOUR. Sep 61, 1000 words.
Order from HB $3.90 HB-5202

Trans. of Liteinoe Proizvodstvo (USSR) 1960, no. 9, p. 13-16.

DESCRIPTORS: USSR, *Cupola furnaces, Design, Natural gas, Coke, Gases, Fuel oils, Heating, Industrial production, Iron industry, Water, Cooling, Melting, Control, Automation.

(Metallurgy, TT, v. 6, no. 11)

61-25595

I. Skvortsov, A. V.
II. HB-5202
III. Brutcher, Henry, Altaden Calif.

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Computer Calculation of Temperature Distribution in Cupolas, by L. M. Marienbakh, A. M. Shapiro.

RUSSIAN, per, Lit Proiz, Sep 1960, pp 25-28.

HB 5125

Sci - Engr

Jun 61

156913

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

RADIOACTIVE ISOTOPE STUDY OF CRYSTALLIZATION OF ALUMINUM DURING CONTINUOUS CASTING, BY V I DOBATKIN, B. I. SIMAKOVSKIY, 12 PP.

RUSSIAN, PER, LITEYNOYE PROIZVODSTVO, NO 10, 1960, PP 34-36.

JPRS 19372

SCI - M/M
MAY 63

231,371

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

~~On the Problem of~~ Hot Cracking of Castings and Welds, by A. A. Bochvar, et al.

RUSSIAN, per, Lit Proiz, Oct 1960, pp 47.

*HB 5029

Sci - Engr

Jan 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

(NY-2900/48).

Overall Mechanization and Automation of Foundry Production,

RUSSIAN, per, Liteynoye Proizvodstvo, Nov 1960, p 1.

*JPRS

USSR

Econ - Technological - Machine Building

6 Feb 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

TM-2960/1[illegible]

Mechanization and Automation of Large-Series and Mass Production Foundries, by M. A. Struber, 4 pp.

RUSSIAN, per, Liteynoye Proizvodstvo, No 11, 1960, pp 2-5.

JPRS 9071

153, 872

USSR
Econ
Jun 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Pivko, V. M.
MECHANIZATION AND AUTOMATION OF TRANSPORT IN THE FOUNDRY INDUSTRY. [1961] 21p.
Order from STT $15.00 STT-146-205

Trans. from Liteinoe Proizvodstvo (USSR) 1960, no. 12.

DESCRIPTORS: *Foundries, *Ores, Transportation, *Automation.

(Metallurgy, TT, v. 7, no. 4)

62-12199

I. Pivko, V. M.
II. STT-146-205
III. SCIENTECH, Scientific and Technical Translations, Cleveland, Ohio

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

ion
J.

In the Foundries of Czechoslovakia, by V. M. Shestopal.

RUSSIAN, per, Lit Proiz, No 12, 1959, pp 5-7.

DSIR LLU.M.2344
(loan)

Ekur - Czechoslovakia
Econ
Jun 61

156,026

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Chiminov, V. V. and Borodina, E. P.
SCHNELLTROCKEN-BINDEMITTEL AUF SULFITAB-LAUGEBASIS (Quick-drying Binder Based on Sulphite-alcohol Distillery Refuse). 6p.
Order from TIB $1.30

Trans. in German of Liteinoe Proizvodstvo (USSR) 1960, no. 12, p. 10-11.

DESCRIPTORS: *Binders, *Sulfites, *Alcohols, Distilling plants.

(Engineering--Chemical, TT, v. 9, no. 11)

62-27347

I. Chiminov, V. V.
II. Borodina, E. P.
III. Technische Informations-bibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Bogdanovskii, M. N. and Repkina, V. I.
VORGÄNGE AN DER GRENZE METALL-FORM
(Processes on Metal-mold Boundary). 9p.
Order from TIB $1.70

Trans. in German of Liteinoe Proizvodstvo (USSR)
1960, no. 12, p. 30-32.

DESCRIPTORS: *Metals, *Molding.

(Machinery--Manufacturing, TT, v. 9, no. 11)

62-27348

I. Bogdanovskii, M. N.
II. Repkina, V. I.
III. Technische Informations-
bibliothek, Hannover
(West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Crystallization of Steel Under Mechanical Pressure, by B. B. Gulyayev, et al.

RUSSIAN, per, Lit Proiz, No 12, 1960, pp 33, 34.

HB 5111

Sci - Chem

Apr 61

147, 435

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Investigation of Heat-Resisting Steel As-Cast and As-Forged, by B. M. Kolobashkin.

RUSSIAN, per, Lit Proiz, No 12, 1960, pp 34-36.

HB 5180

Sci

Aug 61

163,185

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Pol', V. [G.]
IMPFEN VON GUSSEISEN BEIM HALBSTRANG-GIESSEN VON ROHREN (Cast Iron Modification in Semicontinuous Pipe Casting). 3p.
Order from TIB $0.95

Trans. in German of Liteinoe Proizvodstvo (USSR) 1960, no. 12, p. 41-42.

DESCRIPTORS: *Cast iron, Casting, *Pipes.

(Machinery--Manufacturing, TT, v. 9, no. 11)

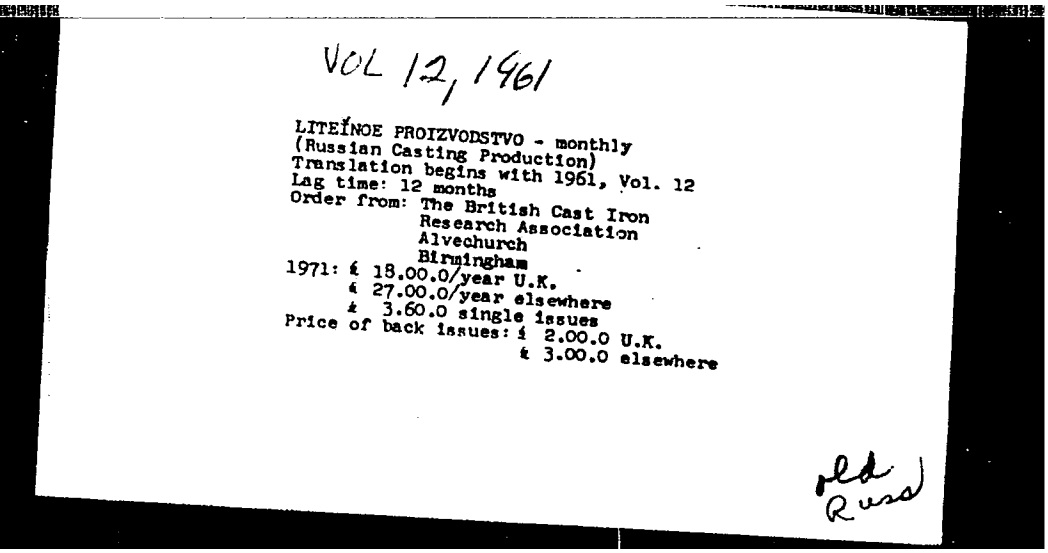
62-27349

I. Pol', V. G.
II. Technische Informations-bibliothek, Hannover (West Germany)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3



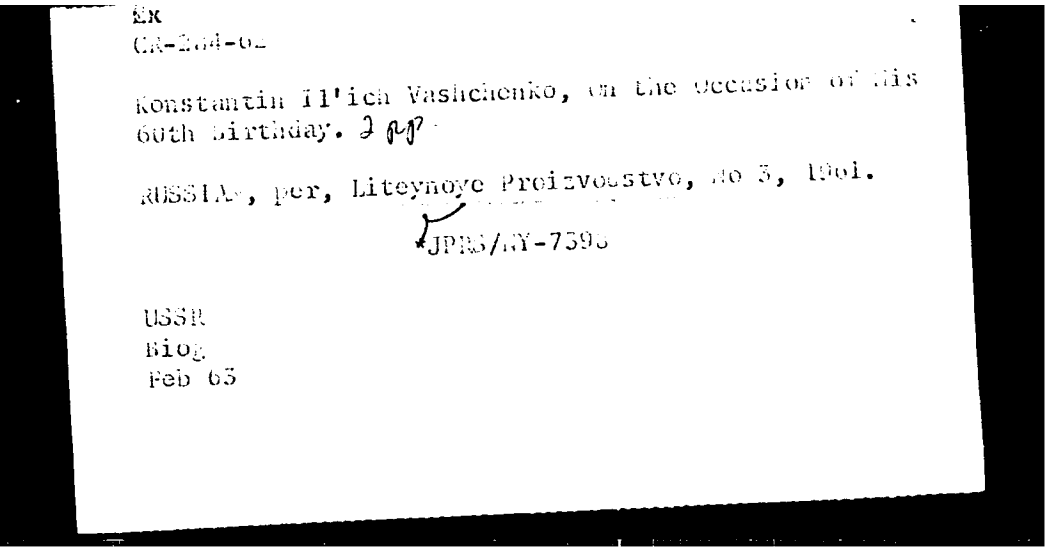
VOL 12, 1961

LITEÍNOE PROIZVODSTVO - monthly
(Russian Casting Production)
Translation begins with 1961, Vol. 12
Lag time: 12 months
Order from: The British Cast Iron
Research Association
Alvechurch
Birmingham
1971: £ 18.00.0/year U.K.
£ 27.00.0/year elsewhere
£ 3.60.0 single issues
Price of back issues: £ 2.00.0 U.K.
£ 3.00.0 elsewhere

old Russ

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3



ER
CR-2nd-62

Konstantin Il'ich Vashchenko, on the occasion of his 60th birthday. 2 pp

RUSSIA, per, Liteynoye Proizvodstvo, No 3, 1961.

JPRS/NY-739c

USSR
Biog
Feb 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Vacuum Treatment of Gray Cast Iron, by
V. P. Migai.

RUSSIAN, per, Liteinoe Proizvodstvo, No 1,
1963, pp 25, 26.

HB 5916

Sci-M&M
May 63

229,816

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Production of Quality Castings of Titanium-Stabilized 18-9 Steel, by V. P. Smolyakov, E. I. Moshkevich.

RUSSIAN, per, Liteinoe Proiz, No 2, 1963, pp 7, 8.

HB 5914

Sci-MM
May 63

229,823

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Crystallization of Liquid Metal in Oscillatory Centrifugal C[illegible]asting, by P. N. Bidulya, A. L. Baldov.
RUSSIAN, per, Lit Proiz, No 9, 1963, pp 28, 29.

HB 6159

Sci - M/M

Mar 64 250,787

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Automatic Control of Air Blast in Cupolas, by V. Ya. Soltyk, A. V. Klibus.
RUSSIAN, per, Lit Proiz, No 10, 1963, p 15.

HB 6153

Sci - M/M

Mar 64 250,788

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Volume Diffusion in Steels, by F. N. Tavadze.
RUSSIAN, per, Liteynoye Proizvodstvo, No 10,
1963, pp 26-28.
*CFSTI TT 70-59124

Sci-
J une 70

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Large Nonferrous Alloy Centrifugal Castings, by G. I. Shandrenko, A. D. Gridin.
RUSSIAN, per, Lit Proiz, No 10, 1963, p 45.

HB 6148

Sci - M/M

Mar 64 250,800

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Problems in the Manufacture of an Ethylsilicate Covering for Investment Casting, by Z. K. Ancheeva, M. H. Yefimova, 15 pp.
RUSSIAN, per, Liteynoe Proiz, No 1, 1964, pp 2-5.
JPRS 25135

Sci - M/M
Jun 64

262,013

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Action of a Pulsating Gas Stream on Liquid Metal, by
A. A. Alov, V. M. Shmakov.
RUSSIAN, per, Liteynoye Proizvodstvo, No 1, 1964,
pp 16, 17.
HB 6222

Sci - M/M
Apr 64

255,972

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

(AP)

Fundamentals of Investment Casting, by A. A. Tager, S. V. Myshalov, et al. (F-1879)

RUSSIAN, per, Liteynoye Proiz, No 1, 1964, pp 42, 43.

*JPRS

Sci - M/M
Apr 64

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

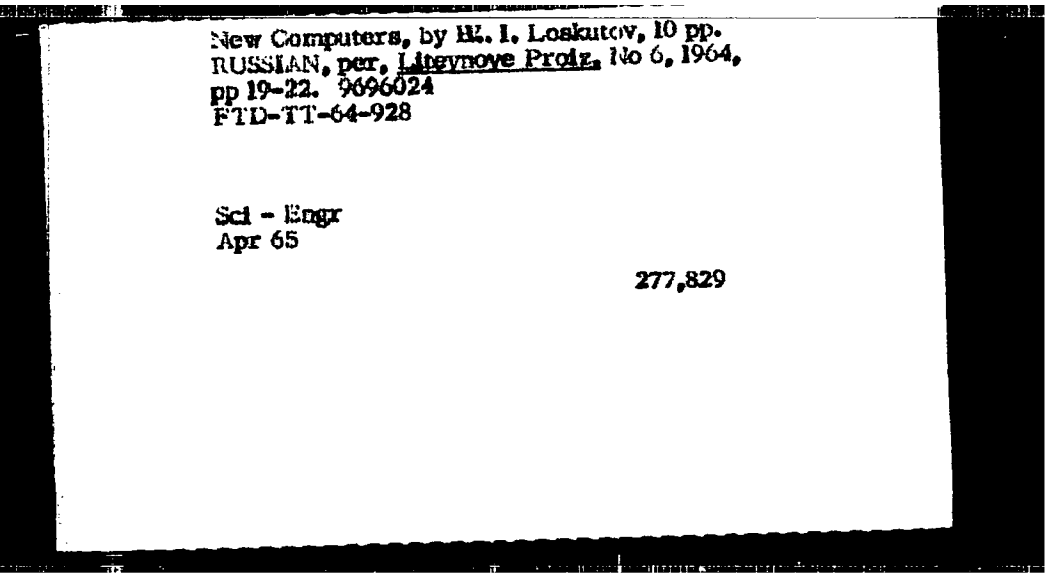
Investigation of Some Casing Alloys for
High Precision Parts, by M. L. Khenkin,
N. K. Leniva, et al, 17 pp.
RUSSIAN, per, Liteynoye Proizvod, No 3, 1964,
pp 267-31.
JPRS 25391

Sci - M/M
Jul 64

263,283

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3



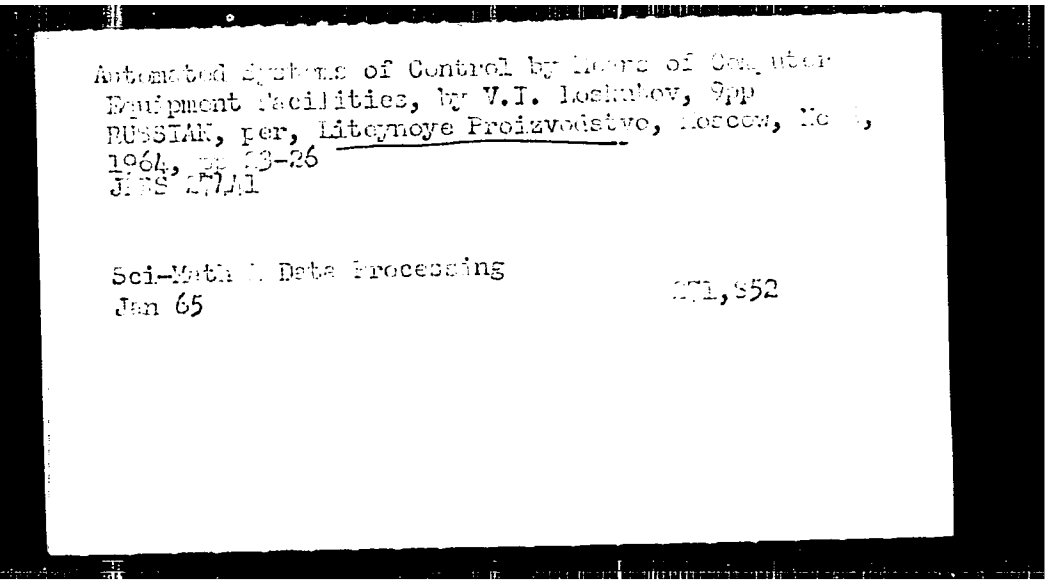
New Computers, by M. I. Loskutov, 10 pp.
RUSSIAN, per. Lineynoye Proiz, No 6, 1964,
pp 19-22. 9696024
FTD-TT-64-928

Sci - Engr
Apr 65

277,829

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3



Automated Systems of Control by Means of Computer Equipment Facilities, by V.I. Loshkarev, 9pp RUSSIAN, per, Litsynoye Proizvodstvo, Moscow, No 1, 1964, pp 23-26 JPRS 27,741

Sci-Math & Data Processing
Jan 65

271,952

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Low Alloy Steel for Tractor Tracks, by
F. A. Bokarman.
RUSSIAN, per. Litoynoye Proiz, No 9, 1964,
p 1.
ACSI I-7240
ID 2204016865

Sci = M/M
Jun 65

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

NCH-200 549 Field 11F, 13H

Luzan, P. P.
THE SELECTION OF PIG IRONS FOR THE PRODUCTION OF S.G. IRON CASTINGS. Dec 64, 9p (foreign text included) 2refs. NLL-M.5628; INC-Trans-64/262. Order from NLL as M.5628

Trans. of Liteinoe Proizvodstvo (USSR) n9 p8-10 1964. See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

I. International Nickel Co. (Mond) Ltd., London (England)

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

NCH-200 550 Field 11F

Sorokin, P. I.; Fominykh, I. P.; Bespalov, Y. G.
THE TREATMENT OF CUPOLA IRONS WITH ALLOYS OF RARE-EARTH METALS. Dec 64, 19p, (foreign text included) 42refs. INC-TRANS-64/263; NLL-M.5629. Order from NLL as M.5629

Trans. of Liteinoe Proizvodstvo (USSR) n9 p27-31 1964. See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

I. International Nickel Co. (Mond) Ltd., London (England)

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Microstructure of Magnesium-Treated Cast Iron Containing Arsenic, by P. P. Luzan.
RUSSIAN, per, Lit Proiz, No 10, 1964, pp 7, 8.
HB Tr No 6426

Sci - M/M
Feb 65

~~234~~
275,000

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Effect of Cerium on the Wear Resistance of Austenitic Manganese Cast Steel, by L. I. Parfenov, M. V. Karakula. RUSSIAN, per, Lit Proiz, No 10, 1964, pp 8, 9.
HB Tr No 6234

Sci -M/M
Feb 65

275,004

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

R-5821-D
7 Sept 65

A Ductless Leading Magneto Dynamic Pump for Liquid Metals
By: V. P. Polrishuk, V. S. Yakovlev
From: LITEYNOYE PRONZVODSTVO No 12, 1964 pp 22 (1 pp)

Russian - est for wds:

Type one camera ready and 1 carbon copy. Make cover 381-T65-439 I-7795 ID 2204035965. Reproduce for paste-up. Do not mutilate document.

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Results of the Twentieth All-Union Scientific and Technical Conference on Foundry Production, By S. A. Kandash, 10 pp.
RUSSIAN, per, Liteynoye Proizvodstvo, No 12, December 1965, pp 10-13.
JPRS 35,625

Sci-Misc.
May 66 301,272

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Botvinkina, L. N., Zhemchuzhnikov, Yu. A., Timofeev, P. P., Feofilova, A. P., and Yablokov, V. S.
ATLAS OF LITHOGENETIC TYPES OF COAL-BEARING DEPOSITS OF THE MIDDLE CARBONIFEROUS OF THE DONETS BASIN. [1963] [90p]
Order from OTS, SLA, or ETC $8.10 TT-64-14542

Trans. of mono. Litogeneticheskikh Tipov Uglenosnykh Otlozhenii Srednego Karbona Donetskogo Basseina, Moscow, 1956.

DESCRIPTORS: Documentation, *Petrology, *Coal, Rock (Geology), Classification, Geology.

(Earth Sciences--Mineralogy, TT, v. 11, no. 10)

TT-64-14542

1. Title: Atlas (Geological)
I. Botvinkina, L. N.
II. Zhemchuzhnikov, Yu. A.
III. Timofeev, P. P.
IV. Feofilova, A. P.
V. Yablokov, V. S.

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Correlation of Relative Amounts of Authigenic Iron and Organic Carbon in Paleocene-eacene Sedimentary Rocks of the Dagestan Foothills.
By B. A. Akaev, V. L. Galin, 9 pp.
RUSSIAN, per, Litologiya i Poleznye Iskopaemye Akademiya Nauk SSSR, No. 6, 1964, pp. 93-98.
CFSTI TT 68-50610

Sci/ear sci
Dec 69 397,536

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

CR-42/63

Chronicle of Communist Construction - News Items of Events in the Ukraine, 1959-1961. (NY-7527)

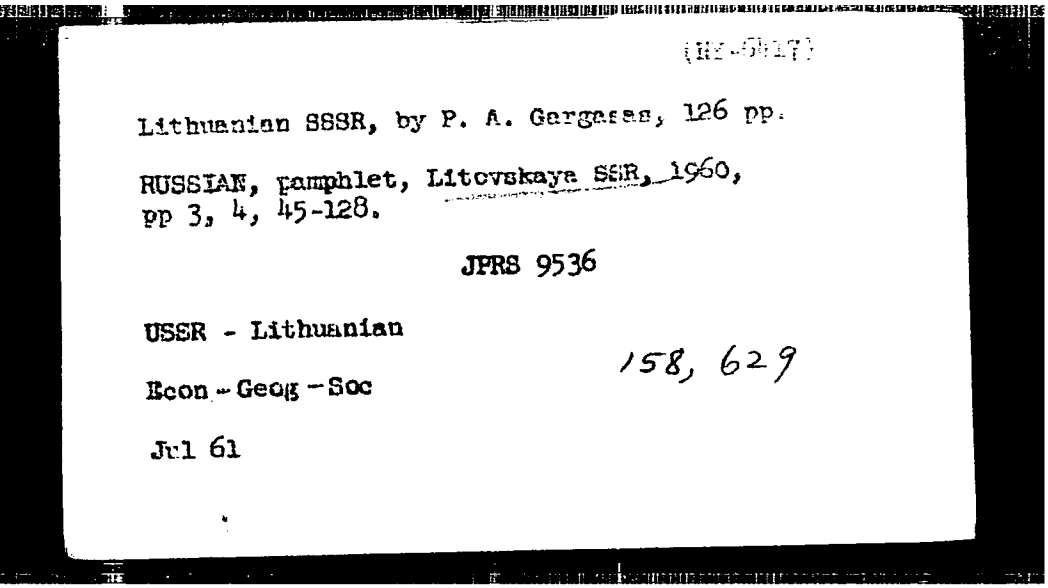
UKRAINIAN, monograph, Litopis' Komunistichnoho Budivnytstva, ~~k~~ Kiev, 1962, pp 11 - 417.

*JPRS

USSR
Geog
Feb 63

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3



(NY-5017)

Lithuanian SSSR, by P. A. Gargasas, 126 pp.

RUSSIAN, pamphlet, Litovskaya SSR, 1960,
pp 3, 4, 45-128.

JPRS 9536

USSR - Lithuanian

Econ - Geog - Soc

158, 629

Jul 61

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Fock Self-Consistent Field for a 6d Valence Electron in the Lithium Atom, by I. T. Martishius,
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik,
Vol I, NO 1/2, 1961, pp 97-100.
AFCRL T-R-483

Sci-
Iept 66 310,554

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Expressions of the Matrix Elements of the Operator of the Electrostatic Interaction for Different Vector Coupling Schemes, by S. D. Budrite, Ya. I. Vizbarayte, et al, 8 pp.
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik, Vol I, No 3, 4, 1961, pp 282-289. 9226322
AEC-ANL-Tr-122

Sci-Phys
Jan 65

271,828

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The General Consideration of the Interaction Operator Matrix Element of Two Atomic Electrons,
by A. A. Bandsaytis, Ya. I. Vizbarayte, et al, 15 pp.
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik, Vol II,
No 1, 2, 1962, pp 61-74. 9226577
AEC-ANL-Tr-107

Sci-Phys
Jan 65

271,792

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

English Title Unknown, by A. P. Yutsis,
RUSSIAN, per, Litovskiy Fizicheskiy
Sbornik, Vol II, No 1/2, 1962, pp 91-106.
NLL 8881.17 (1650)

Sci-Misc
Apr 67

524,009

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

On the Calculation of the Matrix Elements of Operators for Almost Closed Shells, by A. P. Jucys, Ya. I. Vizbarayte, et al, 13 pp.
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik, Vol II, No 1, 2, 1962, pp 123-135. 9226578
AEC-ANL-Tr-125

Sci-Phys
Jan 65

271,793

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Probability of Electron Transitions of Atoms in Nonhomogeneous Electrical Fields with Arbitrary Angular Dependence. New Method of Calculation, by V. M. Buimistrov, 15 pp.
RUSSIAN, per. Litovskiy Fizicheskiy Sbornik, Vol 3, No 1, 1963, pp 93-104. P100196668-V
FTD-MT-66-144

Sci/Phys
Sept 68

364,982

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Present Status of the Quantum-Mechanical Calculation of the Atom and Problems to be Solved in the Near Future, by A. P. Yutsis, 24 pp.
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik, No 1, 2, 1963, pp 11-33. 9226288
AEC-ANL-Tr-102

Sci-Phys
Jan 65

271,826

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Mehtod of Field-theoretic Green's Functions in Atomic and Molecular Problems, by V. V. Tolmachev, 34 p.
RUSSIAN, per, Litovskiy Bizicheskiy Sbornik, Vol III, No 1-2, 1963, pp 47-72. 9700557
AFCRL T-R-546

Sci-Nucl Sci
Jun 66

302,745

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Navy Res. Lab. 00173-9-006076 R-9604-D
15 July 68

The collective excited states of a heavy atom
By: V. M. Alyamovskiy and D. A. Kirzhnits
From: Lietuvos Fizikos Rinkinys (Litovskiy fizicheskiy sbornik), Vol. 3 No 1-2, 1963:79-91
Russian - est for wds:

Please translate and type 1 camera ready copy.
Two copies are furnished, please cut one copy and return the other intact.

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Effect of the Orbit-Orbit Interaction in the Case of Equivalent Electrons, by R. S. Dagis, Z. B. Rudzikas, et al, 9 pp.
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik, Vol III, No 1, 2, 1963, pp 159-166. 9226287
AEC-ANL-Tr-106

Sci-Phys
Jan 65

271,827

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Current Status and Problems of the Calculation of Electron Shells in Molecules, by N. D. Sokolov, 38 pp. RUSSIAN, bk, Litovskii Fizicheskii Sbornik, Vol III, No 1/2, 1963, pp 205-226. 9696511
Amer Meteorol Soc
T-R-459
NLL 7773.75 1965 T-R-459

Sci - NS
Apr 65 278,295

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Application of the Methods of Coefficients of Fractional Parentage to Molecular Terms Calculations, by I. Kaplan, 7 pp
RUSSIAN, per. Liuvskiy Fizicheskiy Sbornik, Vol III, 1963, pp 227-232,
AEC

ANL-TR-123

Sci-Phys
Nov 64

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Calculation of the Diborane (B_2H_6) Molecule in the Two Centres Approximation, by V. P. Bulychev and M. G. Veselov.
RUSSIAN, per. Litov. fiz. Sbornik, Vol 3, No 1-2, 1963, pp 253-259.
NLL RTS 3610

Sci-Chem
Nov 67

345,335

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

On the Calculation of Two-Electron Matrix Elements of the Orbit-Orbit Interaction Operator, by R. S. Dagis, Z. B. [redacted] Rudzikas, et al, 13 pp.
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik, Vol III, No 3, 4, 1963, pp 365-376. 9226576
AEC-ANL-Tr-110

Sci-Phys
Jan 65

271,794

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Numerical Calculation of Contributions from the Feynman Diagrams for the Energy of the Ground State of Two-Electron Atomic Systems, by U. I. Safronova and V. V. Tolmachev, RUSSIAN, per. Litovskiy Fizicheskiy Sbornik, Vol IV, No 1, 1964, pp 13-23. 100007066
AFCRL T-R-542

Sci-
Sept 66

310,596

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Angular Integration of Feynman Diagrams in the Field-theoretic Perturbation Theory of Atoms, by A. B. Bolotin andII.B. Levinson, et al, RUSSIAN, per, Litovskii Fizicheskiy Sbornik, Vol IV, No 1, 1964, pp 25-33. 9700555
AFCRL T-R-543

Sci-Nucl Sci
Jun 66 302,743

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

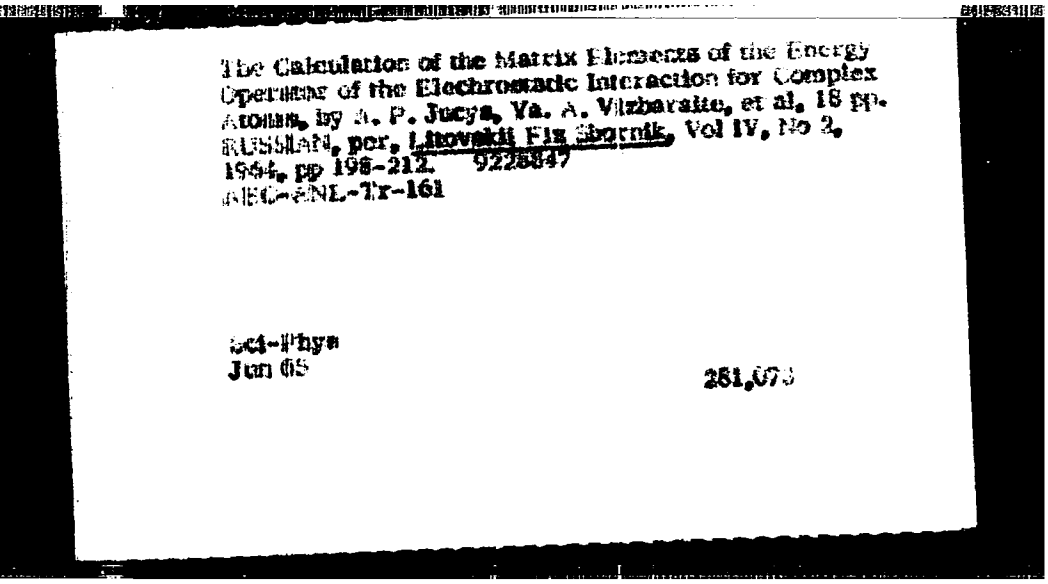
APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Six-j Coefficients with Negative Parameters, by A. V. Karosene and A. Iu. Savukinas, et al, 13 p.
RUSSIAN, per, Litovskii Fizicheskiy Sbornik, Vol IV, No 2, 1964, pp 187-196.
9699894
AFCRL T-R-464

Sci-Math & Data Pro
Mar 66 297,697

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3



The Calculation of the Matrix Elements of the Energy Operators of the Electrostatic Interaction for Complex Atoms, by A. P. Jucys, Va. A. Vizbaraite, et al, 18 pp. RUSSIAN, per, Litovskii Fiz Sbornik, Vol IV, No 2, 1964, pp 195-212. 9225847
ANEC-ANL-Tr-161

64-Phys
Jun 65

251,073

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Elements of the electrostatic interaction operator matrix for the Electron outside a Half-Filled Shell of n Electrons, by A. V. Karosene, and A. Iu. Savukinas, et al, 19 p.
RUSSIAN, per, Litovskii Fizicheskii Sbornik, Vol IV, No 2, 1964, pp 215-231. 9609177
AFCRL T-R-465

Sci-Elec
Mar 66 294,486

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

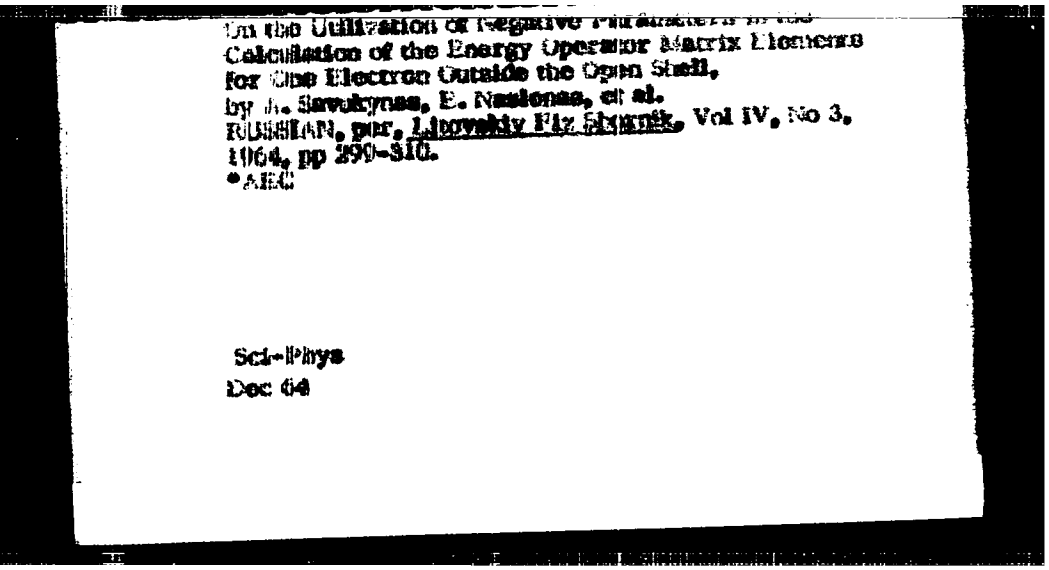
APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Field Perturbation Theory for Two States in Open Shells as Applied to the Firdt Two Orders, by U. I. Safronova and V. V. Tolmachev, RUSSIAN, per. Litovskiy Fizicheskiy Sbornik, Vol IV, No 2, 1964, pp 249-261. 100007066
AFCRL T-R-544

Sci-
Sept 66 310,597

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3



On the Utilization of Negative Parameters in the Calculation of the Energy Operator Matrix Elements for One Electron Outside the Open Shell,
by A. Savukynas, E. Nasionas, et al.
RUSSIAN, pur, Lietuvskiy Fiz Sbornik, Vol IV, No 3, 1964, pp 299-310.
*AEC

Sci-Phys
Dec 64

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

A.YU. Matulis

Numerical calculation of Hartree-Fock diagrams of first and second orders for energy of basic states of light atoms in ~~th~~ field formulation of perturbation. 22 pp.
RUSSIAN, Litovsk. Fiz. Sb, Vol 4, No 3, 1964 pp 331-346
NASA TT F 14,401

oct 72

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Calculation of Hartree-Fock Diagrams of the First and Second Orders for the Energy of the Ground States of Light Atoms in the Field Form of the Pertubation Theory, by A. Iu. Matulis and U. I. Safronova, et al,
RUSSIAN, per, Litovskiy Fizicheskiy Sbornik, Vol IV, No 3, 1964, pp 331-346. 100007066
AFCRL T-R-545

Sci-
Sept 66 310,598

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Harmonics of the Current Passing Thru A Germanium Sample in High Electric Microwave Field.
RUSSIAN, per. Litov Fiz Sbornik, 1964, pp 479-484.
ACSI I-9427
ID 2204017466

Sci - Elec
Mar 66 297,846

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Thermoelectric Force of Hot Electrons, and Electroconductivity of Germanium in the Region Low Electric Fields, by K. K. Repshas, Yu. K. Pozhela. RUSSIAN, per, Litov Fiz Sbornik, 1964, pp 485-490.
ACSI I-9427
ID 2204017466

Sci - Elec
Mar 66 297,845

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Influence of Surface on the Electro-conductivity of Germanium and Silicon in High Electric Fields, by S. P. Kalvenas, Yu. K. Pozhela.
RUSSIAN, per. Litov Fiz Sbornik, 1964, pp 491-496.
ACSI I-9427
ID 2204017466

Sci - Elec
Mar 66 297,844

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Electrical Properties of Filon-type Juntion and Thin Layer Contacts of Cadmium Telluride with Metals of the First, Third, Fifth and Eighth Groups.
RUSSIAN, per. Litov Fiz Sbornik, 1964, pp 495-507.
ACSI I-9427
ID 2204017466

Sci - Elec
Mar 66 297,848

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Photoelectric Properties of Film-Type p-n Junction of Cadmium Telluride.
RUSSIAN, per, Litov Fiz Sbornik, 1964, No 4, pp 509-518.
ACSI I-9427
ID 2204017466

Sci - Elec
Mar 66 297,849

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Photoelectric Properties of Thin Layer Contacts of Cadmium Telluride with Metals. RUSSIAN, per, Litov Fiz Sbornik, 1964, No 4, pp 519-527.
ACSI I-9427
ID 2204017466

Sci - Elec
Mar 66 297,850

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

The Influence of Pressure and Temperature on the Absorption Edge of Cd Te, RUSSIAN, per. Litov Fiz Sbornik, 1964, pp 529-536.
ACSI 1-9427
ID 2204017466

Sci - Chem
Mar 66 297,847

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3

Electrical Conductivity of Cadmium Oxide in High-Frequency Electrical Fields, by R. A. Baltrushaytis & P. P. Brandshyunas, 7 pp. RUSSIAN, per. Litovskiy Fizicheskiy Sbornik, No 4, 1964, pp 537-541. P100072768-V FTD-HT-23-657-67

Sci/Phys
May 68

356,773

APPROVED FOR RELEASE: Thursday, December 13, 2001 CIA-RDP84-00581R000300840028-3